

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	350	(717/109).cccls. and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/07/15 09:28
S2	0	S1 and ((thread execution) same (critical path))	US-PGPUB; USPAT	ADJ	ON	2007/01/20 12:19
S3	0	S1 and ((thread\$1) same (critical path))	US-PGPUB; USPAT	ADJ	ON	2007/01/20 12:19
S4	0	S1 and ((thread\$2) same (profiling))	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:50
S5	2646	profil\$3 near2 thread\$2	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:51
S6	2	S5 and (critical path)	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:56
S7	376	S5 and (efficiency or optimization)	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:58
S8	13	S7 and (thread execution)	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:56
S9	347	S5 and (efficiency or optimization) and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:15
S10	9	S9 and (thread execution)	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:58
S11	2646	profil\$3 near2 thread\$2	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:15
S12	328	S11 and (signal) and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:15
S13	0	S11 and (signal same prioroty) and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:16
S14	0	S11 and (signal same priority) and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:16
S15	1	("6904597").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/22 13:26
S16	0	("thread\$1same(forksamesignal)") .PN.	US-PGPUB; USPAT	OR	OFF	2007/01/22 13:26
S17	500	thread\$1 and (fork same signal)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 13:27

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S18	1	thread\$1 and (fork same signal same resume same block same suspend)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 13:28
S19	7	thread\$1 and (fork same signal same resume)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:04
S20	113	thread\$1 same (inter-thread communication\$1)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:04
S21	0	thread\$1 same (inter-thread communication\$1) same (profiling)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S22	0	thread\$1 same (inter-thread communication\$1) same (profiling)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S23	0	thread\$1 same (inter-thread communication\$1) same (optimization)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S24	0	thread\$1 same (inter-thread communication\$1) same (tuning)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S25	113	thread\$1 same (inter-thread communication\$1)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S26	12	thread\$1 same (inter-thread communication\$1) same (signal)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:07
S27	0	thread\$1 same (inter-thread communication\$1) same (signal and fork)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:07
S28	0	thread\$1 same (inter-thread communication\$1) same (signal and resume)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:08
S29	2	profiling threaded program\$1	US-PGPUB; USPAT	ADJ	ON	2007/07/15 09:53
S30	2	("20060150162").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/15 14:19
S31	2	("20060090103").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/15 14:19

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critical path profiling based on thread events

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This prevents unnecessary **critical path** tree updates for messages that did not cause a cross **thread event**. [0054] In an embodiment of a **thread profiler**, ...

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section, we review how to compute **critical path profiling** ... **Critical Path**. Process: A **thread** of execution with its own address space. **Event**: ...

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the algorithm finds the **event** by **thread j** that released **thread i**. ..... J. Hollingsworth,

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and identifies the **critical path** through the program. It provides an algorithmic view, locating the ... As with Time- and **Event-Based** Sampling, the VTune ...

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both static and **profile-based critical** load selection. We simulate a ..... trigger's PC (**critical path** access). Updating the THT is not in the ...

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Figure 5: IMPT speedup using **profile-based** vs. static **critical** load ..... the **critical path** and is indexed by the program slice's entry PC through a table ...

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dynamic energy for **criticality based thread** prediction and **criticality based** delayed ....

Recently, the **critical path based** analysis has been adopted by ...

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Get static information, e.g. 'measure **critical path**' ... track **based** (combined with visualization); **profile based** (no time reference); problem: strong ...

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on the **critical path**. In this paper we explore other im- ... or even select among different helper **threads based** upon. program phase—for example, ...

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Identify matching ENTER event; Filter **based** on call-**path** characteristics; Accumulate time or .... Lock competition caused by **critical** sections. Idle **Threads** ...

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done within the **critical** section; the record could be located .... The present work is **based** upon previous work on call. **path profiling**[5, 6], but there are ...

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Parallel computing is playing an increasingly **critical** role in advanced ... the scalability of **event** tracing uses call-**path profiling** to determine which ...

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